Aeronautics Educator Guide			
2005 Mathematics			
Model Content Standards			
Colorado Mathematics			
Grades K-4			
Activity/Lesson	**State**	**Standards**	
Air Engines (12-16)	CO	MA.K-4.1.3	use numbers to count, to measure, to label, and to indicate location;
Air Engines (12-16)	CO	MA.K-4.5.1	know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature;
Rotor Motor (69-75)	CO	MA.K-4.3.1	construct, read, and interpret displays of data including tables, charts, pictographs, and bar graphs;
Flight: Interdisciplinary Learning Activities (76-79)	CO	MA.K-4.1.2	read and write whole numbers and know place-value concepts and numeration through their relationships to counting, ordering, and grouping;
Flight: Interdisciplinary Learning Activities (76-79)	CO	MA.K-4.1.3	use numbers to count, to measure, to label, and to indicate location;
Flight: Interdisciplinary Learning Activities (76-79)	CO	MA.K-4.3.1	construct, read, and interpret displays of data including tables, charts, pictographs, and bar graphs;
Let's Build a Table Top Airport (91-96)	CO	MA.K-4.4.2	identify, describe, draw, compare classify, and build physical models of geometric figures;
Plan to Fly There (97-106)	CO	MA.K-4.5.1	know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature;
We Can Fly, You and I: Interdisciplinary Learning (107-108)	CO	MA.K-4.3.1	construct, read, and interpret displays of data including tables, charts, pictographs, and bar graphs;
We Can Fly, You and I: Interdisciplinary Learning (107-108)	CO	MA.K-4.5.1	know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature;
Dunked Napkin (17-22)	CO	MA.K-4.3.1	construct, read, and interpret displays of data including tables, charts, pictographs, and bar graphs;
Dunked Napkin (17-22)	CO	MA.K-4.3.2	interpret data using the concepts of largest, smallest, most often, and middle;
Dunked Napkin (17-22)	CO	MA.K-4.3.3	generate, analyze, and make predictions based on data obtained from surveys and chance devices; and
Paper Bag Mask (23-28)	CO	MA.K-4.3.3	generate, analyze, and make predictions based on data obtained from surveys and chance devices; and
Paper Bag Mask (23-28)	CO	MA.K-4.4.3	relate geometric ideas to measurement and number sense;
Paper Bag Mask (23-28)	CO	MA.K-4.5.1	know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature;

Paper Bag Mask (23-28)	CO	MA.K-4.5.3	demonstrate the process of measuring and explain the concepts related to units of measurement;
Wind in Your Socks) (29-35)	CO	MA.K-4.1.3	use numbers to count, to measure, to label, and to indicate location;
Wind in Your Socks) (29-35)	CO	MA.K-4.2.4	observe and explain how a change in one quantity can produce a change in another (for example, the relationship between the number of bicycles and the numbers of wheels).
Wind in Your Socks) (29-35)	CO	MA.K-4.5.1	know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature;
Right Flight (52-59)	CO	MA.K-4.3.3	generate, analyze, and make predictions based on data obtained from surveys and chance devices; and
Delta Wing Glider (60-68)	CO	MA.K-4.3.3	generate, analyze, and make predictions based on data obtained from surveys and chance devices; and